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L1	7	((("5004315") or ("6621975") or ("5892870") or ("5778122") or ("4884863") or ("RE37028") or ("RE36592"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 08:47
L2	1	("6383034").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 08:49
L4	7	US-5042901-\$.DID. OR US-5778122-\$.DID. OR US-5892870-\$.DID. OR US-6152767-\$.DID. OR US-6579014-\$.DID. OR US-6621975-\$.DID. OR US-6648520-\$.DID.	USPAT	OR	ON	2005/08/08 08:52
L5	4	((("6766094") or ("5495549") or ("6798967") or ("20020150371"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 08:52
L6	1	("6856748").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 08:54
L7	1	("6819856").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 08:56
L8	1	("D499069").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 08:56
L9	9	((("6792191") or ("6526858") or ("6327414") or ("6359228") or ("6411767") or ("6014490") or ("6061492") or ("5790739") or ("5355408"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 08:59
L10	5	((("6434313") or ("6526858") or ("6359228") or ("6496640") or ("6411767"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/08 10:14
L11	1238	385/135.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 10:15
L13	514	385/139.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 10:15
L14	0	("2005/0163448").URPN.	USPAT	OR	ON	2005/08/08 10:44
L15	829	L11 not L13	USPAT	OR	ON	2005/08/08 10:45

L18	651	(optical with communication) and (fiber with termination) and connector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 12:00
L19	567	L18 not (L11 or L13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 12:00
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L21	217	L20 not (L11 or L13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 14:50
L22	32	("3989567" "4050783" "4585303" "4684210" "4752110" "4770357" "4824196").PN. OR ("5052775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 14:49

L23	109	("3989567" "4050783" "4585303" "4684210" "4717231" "4732450" "4737009" "4752110" "4770357" "4782430" "4824196" "4900123" "4934785" "4976508" "4976510" "5052775" "5159654" "5169568" "5212752" "5214735" "5218657" "5231687" "5235665" "5274729" "5283851" "5303125" "5363465" "5386487" "5432875" "5434941" "5440468" "5444804" "5446822" "5448675" "5452124" "5613025" "5668911" "5712942" "5717810" "5764843" "5774245" "5778130" "5838858" "6002331" "6009225" "6269214" "6385381" "6424781" "6434313" "B14976510" "Re34955").PN. OR ("5052775" "5892870" "5987203" "6208796" "6621975" "6721484").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 14:49
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L25	157	(mid\$span with access)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:07
L26	27	(optical with communication) and (mid\$span near2 access)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 15:07

L27	23	("4737009" "4824196" "4976508" "4976510" "5052775" "5159654" "5169568" "5218657" "5231687" "5235665" "5283851" "5434941" "5444804" "5446822" "B14976510").PN. OR ("5892870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:16
L28	8	("4717231" "4900123" "6009225" "6385381" "6424781" "6434313").PN. OR ("6621975").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:44

09702627	6434313	150	10/31/2000	FIBER OPTIC CLOSURE WITH COUPLERS AND SPLICE TRAY	SMITH, KELLY J.
09693368	6526858	150	10/20/2000	CABLE BREAKAWAY ASSEMBLY	SMITH, KELLY J.
09495062	6359228	150	01/31/2000	SPLICE CLOSURE	SMITH, KELLY J.
09464962	6496640	150	12/16/1999	SPLICE CLOSURE WITH REMOVABLE AND PIVOTABLE SPLICE TRAYS, AND ASSOCIATED METHODS	SMITH, KELLY J.
09438737	6411767	150	11/11/1999	OPTICAL FIBER INTERCONNECTION CLOSURES	SMITH, KELLY



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Result # 1 Relevance: ○○○○○○

Optical Circuit Module Connector

1978-09-01

IPCOM000070407D

English

The optical circuit module connector provides a low profile, separable fiber-optic connection directly to modules in a card-on-board environment. The introduction of fiber-optic connection to computer systems will produce a mix of optical and electronic ...

Result # 2 Relevance: ○○○○○○

Fiber Optic Cable Termination Method

1981-07-01

IPCOM000052837D

English

The termination of the fiber-optic cables is most frequently accomplished using epoxy. It requires careful mixing and curing time. The lengthy termination time, because of the time to mix, apply and wait for epoxy cement to cure, is a problem for field ...

Result # 3 Relevance: ○○○○○○

Small Form Factor Optoelectronic Transceivers for the MTRJ Connector TO-Can Packaging

2001-11-19

IPCOM000013642D

English

The demanding requirements of the new small-form-factor (SFF) optoelectronic transceiver impose stringent constraints on the transceiver design, primarily because the components must be packed within a very small space while still meeting the operating specifications, and ...

Result # 4 Relevance: ○○○○○○

Laser Diode Receptacle for Single-Mode Fiber

1991-02-01

IPCOM000119607D

English

Three techniques are commonly used today for optical fiber-to-laser diode coupling. The most common is the pigtail approach whereby the fiber endface is butt coupled to the front facet of the laser diode chip. This requires hermetic sealing of the laser ...

Result # 5 Relevance: ○○○○○○

Rugged Low Cost Coined Connector with Lightly Polished Ends

1981-07-01

IPCOM000052838D

English

A separable connector for small diameter optical fibers requires precisely formed metal contact surfaces and the alignment accuracy necessary for a low loss connector. In addition, some designs require the connector to be bonded inside a tight fitting hole and subsequently polishing ...

Result # 6 Relevance: ○○○○○○

Mandrel Grip for Cable Pulling

1995-02-01

IPCOM000115007D

English

With Fiber Optics (FO) data link systems becoming widespread in the computer industry, the installation of the jacketed FO cable becomes important. The transmitting fiber is quite thin, its diameter being only the thickness of a human hair and mechanical stress can ...

Result # 7 Relevance: ○○○○○○

Completely Integrated Fiber Optic Link


1980-02-01

IPCOM000054368D

English

This article teaches a concept of containment of both electronic and optical functions a functions within the same connector/plug for a fiber-optic link. The connector is especia engaging a card-edge connector.

Result # 8

Relevance: **Silicon Optical Fiber Splice**

1983-04-01

IPCOM000045540D

English

A splice connector for optical fibers is described. The connector body is formed by joining having aligned anisotropically etched apertures forming a sleeve which self-aligns the are fully inserted. The sleeve is filled with an index matching ...

Result # 9

Relevance: **Fiber Optic Connectors**

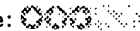
1970-07-01

IPCOM000072507D

English

In drawings A...D there are shown various connector devices useful for connecting fiber elements.

Result # 10

Relevance: **Method for a stubless multidrop bus interconnect**

16-Jul-2003

IPCOM000016807D

English

Disclosed is a method for a stubless multidrop bus interconnect. Benefits include improved performance.

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Result # 11 Relevance:

Electrical Safety Interlock for Test Operator Protection

1981-10-01

IPCOM000053525D

English

This power lead terminal, together with the relay circuit operated by it, provides a safe insure that power is dropped from a tester lead before the lead is disconnected from a test.

Result # 12 Relevance:

Automatic Line Fault Detection and Bypassing

1980-12-01

IPCOM000053983D

English

Data communications loop 10 having a primary communication loop 11 and back-up lo provided with terminal connectors 13 which are capable of recognizing a line fault, e.g automatically connecting back-up line 12 to bypass the fault.

Result # 13 Relevance:

Fiber-Optic Repeater With Integral Passive Bypass Switch

1984-11-01

IPCOM000044090D

English

Fiber optics can be utilized to interconnect terminals and processors operating at high connected in a loop. To eliminate the need for an alternative power source (e.g., batte bypass is required to maintain high communication availability in the ...

Result # 14 Relevance:

Optical Connection for LSI Electrical Circuits

1975-07-01

IPCOM000083757D

English

Integration of light emission and photodetection circuit structures within large-scale int circuits (chips, modules, etc.) provides a basis for achieving high density of input/outp It permits replacement of discrete copper wiring with optical ...

Result # 15 Relevance:

Two Phase Tachometer Assembly

1973-08-01

IPCOM000079722D

English

This two-phase tachometer assembly is a unitary assembly which includes an easily re card, facilitating quick, low-cost repair.

Result # 16 Relevance:

Fddi-Compatible Cooper Media Lan Adapter

1989-11-01

IPCOM000036939D

English

Disclosed is a communication design which provides Fiber Distributed Data Interface (F compatible, 100 megabit per second (Mbps) data transmission to desk top or office dat terminals at significantly lower cost by using existing, installed Data Grade Media ...

Result # 17 Relevance:

Method for Functional Testing of High Speed VLSI Devices and Cache

1987-06-01

IPCOM000039537D

English

This article describes solutions to two major technical problems present in high-speed

testing. The space transformer presents the first major problem for high speed function. The space transformer consists of the electrical connection between the ...

Result # 18 Relevance:    

**NOVELL METHODOLOGY FOR OPERATING AN IXF32003 EVALUATION
A VALID SONET OC-192/SDH STM-64 FRAME GENERATOR**

26-Feb-2002

IPCOM000007097D

English

Disclosed is a method to convert the evaluation system for an IXF32003 ASIC (more w
SLT100) to an SDH STM-64/SONET OC-192 frame generator. Apart from low cost, ben
improved functionality (testing and demonstration).

Result # 19 Relevance:    

**EFFICIENT AND ENVIRONMENTALLY FAVORABLE COMPOSITIONS EM
GLYCIDYL ETHER-CAPPED ACETYLENIC DIOL ETHOXYLATE SURFACTA**

22-Nov-2004

IPCOM000033042D

English

Result # 20 Relevance:    

Switching module for a telecommunications switching platform

12-Sep-2000

IPCOM000001777D

English

A switching module capable of sending heartbeat messages and identifying other elem
telecommunications switching platform as operational over one bus or both buses of a
control bus. The module also has a reprogrammable, nonvolatile memory ...

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Result # 21 Relevance:

Requirements for an Internet Standard Point-to-Point Protocol (RFC1

1993-12-01

IPCOM000002379D

English

This document discusses the evaluation criteria for an Internet Standard Data Link Layer to be used with point-to-point links. Although many industry standard protocols and standards already exist for the data link layer, none are both complete and ...

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Keita F. Broadwater and Patricia F. Mead
Proc. SPIE Int. Soc. Opt. Eng. **3860**, 543 (1999) **Full**
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2. ☐ **Tests and results of active alignment fiber optic connectors for space usage**
Lisa J. McMurray
Proc. SPIE Int. Soc. Opt. Eng. **2811**, 264 (1996) **Full**
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3. ☐ **Characterization of fiber damage affecting the reliability of terminated optical fiber**
W. R. Wagner
Proc. SPIE Int. Soc. Opt. Eng. **1973**, 231 (1993) **Full**
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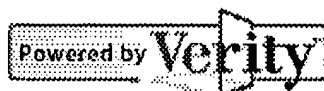
4. ☐ **Backplane photonic interconnect modules with optical jumpers**
Alexei L. Glebov, Michael G. Lee, and Kishio Yokouchi
Proc. SPIE Int. Soc. Opt. Eng. **5731**, 63 (2005) **Full**
Text: [PDF (625 kB)] (9 pages)

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5. ☐ **Optical fiber cable assembly characterization for the mercury laser altimeter**
Melanie N. Ott, Marcellus Proctor, Matthew Dodson, Shawn Macmurphy, and Patricia R. Friedberg
Proc. SPIE Int. Soc. Opt. Eng. **5104**, 96 (2003) **Full**

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An Van Hove, Koen Van de Putte, Kris Naessens, Bart Dhoedt, Roel G. Baets, and Peter Van Daele
Proc. SPIE Int. Soc. Opt. Eng. **3952**, 134 (2000) **Full**
Text: [PDF (1645 kB)] (10 pages)
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Chris Vernon
Opt. Eng. **37**, 3124 (1998) **Full Text:** [PDF (1072 kB)] (5 pages)
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Proc. SPIE Int. Soc. Opt. Eng. **2551**, 65 (1995) **Full**
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Christopher A. Roe
Proc. SPIE Int. Soc. Opt. Eng. **2467**, 99 (1995) **Full**
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Seymour Margulies and Manho Chung
Proc. SPIE Int. Soc. Opt. Eng. **2281**, 26 (1994) **Full**
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Keith J. Proctor and George P. Seifert
Proc. SPIE Int. Soc. Opt. Eng. **1886**, 70 (1993) **Full**
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Bruce V. Darden, K. Kathiresan, Bruce G. LeFevre, J. B. Fluevog, and Vasilios E. Kalomiris
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